

(भारत सरकार) GOVERNMENT OF INDIA
(रेल मंत्रालय) MINISTRY OF RAILWAYS
(रेलवे बोर्ड) RAILWAY BOARD

No.2021/Safety (A&R)/19/34

New Delhi, dated 19.08.2024

**General Manager,
Northern Railway,
Baroda House, New Delhi.**

Sub:- Approval for combination of two stop signals between SSB & DBSI stations of Northern Railway.

Ref:- CSTE/Plg./Northern Railway's Letter No. 570-Sig/D&D/ Drg./Maintenance dated 21.09.2023.

Please refer to the application sent vide letter under reference, seeking approval for combination of two stop signals between Shakur Basti (SSB) & Dayabasti (DBSI) stations of Northern Railway.

2. The proposal has been examined in this office in consultation with Signal directorate and Board (M/O&BD) has accorded approval for the combination of the following signals :

- i. UP Advance starter signal no. S-37 of DBSI is combined with UP Home Signal no. S-1 of SSB station.
- ii. DN Advance starter signal no. S-2 of SSB is combined with DN Home Signal no. S-38 of DBSI station.

3. The approval is subject to the following stipulations:

- i. DN Advance starter signal S-2 of SSB station is combined with DN Home Signal S-38 of DBSI Station and renamed as S38 (DBSI)/ S2 (SSB) which will be taken off by DBSI only if Slot No. 2 for the same is available from SSB.
- ii. All DN starter signals S-4, S-6, S-8, S-10, S-34, S-36, S-38, S-40, S-44, S-46, S-48 & S-62 of SSB can be taken off for DN line towards DBSI for AW, AW1, AW2 & AW3 route after obtaining DN slot from DBSI and line clear from DBSI on block telephone with exchange of Private Number, which will be recorded in the Train Signal Register after ensuring complete arrival of Preceding train at DBSI that the route is clear up to S38(DBSI)/ S2(SSB) along with overlap track 38T of DBSI.
- iii. A Yellow Indication of DN Slot from DBSI shall be available on SSB VDU with facility of cancellation from DBSI. A time delay of 120 sec will be in force after cancellation of DN slot.
- iv. DN slot will be cancelled automatically on passing of DN train on 38T of DBSI or by cancelations of SM DBSI.
- v. Another yellow indication of Slot no. 2 for taking off Signal S38 (DBSI)/S2(SSB) shall be available at DBSI panel, proving that no shunting movement is in progress for AW, AW1, AW2 & AW3 route from SSB towards S38(DBSI)/2(SSB). After that S38 (DBSI)/S2 (SSB) or Calling On signal C138 (DBSI)/S2 (SSB) can be taken off.

- vi. Shunting movement from SH.101 towards SSB yard or on AW, AW1, AW2 & AW3 routes shall not be permitted from SSB Shunt Signals SH-104, 108, 168, 170, 172 when the signal S38(DBSI)/S2(SSB) is taken off or when route of calling on signal C138 (SSB) is preset. If any shunt signal SH-104, 108, 168, 170, 172 is taken off for AW, AW1, AW2 & AW3 route towards DBSI side then the slot indication sent to DBSI from SSB for taking off S38(DBSI)/S2(SSB) will be disabled, thus preventing lowering of S38(DBSI)/S2(SSB) and also preventing presetting of route of Calling On Signal C-138 (DBSI).
- vii. UP Advance starter signal S-37 of DBSI station is combined with UP Home Signal S-1 of SSB Station and renamed as S1 (SSB)/S37 (DBSI) which will be taken off by SSB only if Slot No. 37 for the same is available from DBSI.
- viii. Starter Signal S-35 of DBSI Station can be taken off only after obtaining UP Slot from SSB and line clear from SSB by SM/DBSI on block telephone with exchange of Private Number, which will be recorded in the Train Signal Register after ensuring complete arrival of Preceding train at SSB and ensuring that the line is clear up to S1 (SSB)/ S37 (DBSI) along with the overlap track 1T of SSB.
- ix. A Yellow Indication of UP Slot from SSB shall be available on DBSI Panel with facility of cancellation from SSB. A time delay of 120 sec will be in force after cancellation of UP slot.
- x. UP slot will be cancelled automatically on passing of UP train on 1T of SSB or by cancelations of SM DBSI.
- xi. Another slot indication of Slot no.37 on SSB VDU is available from DBSI, proving that no shunting movement is in progress from DBSI towards SSB Home Signal no. S1(SSB)/S37(DBSI). SM/SSB will be able to take off Home Signal No. S1(SSB)/37(DBSI) only when slot No.37 is received and its indication is available on VDU.
- xii. Shunting movement from SH-78 towards DBSI or from DBSI by Shunt Signals SH-75, on 'X' route shall not be permitted when the signal S1(SSB)/S37(DBSI) or calling on signal C451 (SSB) is taken off. If Shunt Signal SH-75 is taken off for 'X' route towards SSB Side, or SH-78 towards DBSI then the slot indication sent to SSB from DBSI for taking off S1(SSB)/S37(DBSI) will be disabled, thus preventing lowering of S1(SSB)/S37(DBSI) and also preventing presetting of route of Calling On Signal C-451 (SSB).
- xiii. Northern Railway should incorporate adequate provisions in the Station Working Rules of Shakur Basti (SSB) & Daya Basti (DBSI) stations to ensure safe running of trains during failure of signals and / or abnormal working.

DA:- As Above


(Pulkit Singh)

Director/Traffic Transportation(G)
Railway Board, New Delhi
Email ID: pulkit.0806@gov.in